

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Muthukumaran et al.  
Application No.: 10/698,255  
Filed: October 31, 2003

Confirmation No.: 1674  
Group Art Unit: 1645

For: *SYNTHESIS OF PHOSPHONO-SUBSTITUTED PORPHYRIN COMPOUNDS FOR  
ATTACHMENT TO METAL OXIDE SURFACES*

Date: August 16, 2006

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE TO OFFICIAL ACTION**

Sir:

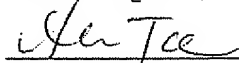
This is in response to the Official Action of May 16, 2006

**Amendments to the Claims** begin on page 2 herein.

**Remarks** begin on page 3 herein.

**CERTIFICATION OF TRANSMISSION  
UNDER 37 CFR § 1.8**

I hereby certify that this correspondence is being  
transmitted electronically to the U.S. Patent and Trademark  
Office on August 16, 2006.



Amelia Tauchen

Date of Signature: August 16, 2006